

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|------------------|
| L1 | 412 | (360/324.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/09/05 19:30 |
| L2 | 699 | 360/324.2 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:30 |
| L3 | 731 | 1 2 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:30 |
| L4 | 0 | @ad<"19910605" and 3 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:38 |
| L5 | 0 | @rlad<"19910605" and 3 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:31 |
| L6 | 7 | @rlad<"19910630" and 3 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:31 |
| L7 | 1 | @ad<"19910630" and 3 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:31 |
| L8 | 8 | 6 7 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:34 |
| L9 | 1062 | (ferromagnetic or magnetic) same (isolat\$5 or inculat\$5 or barrier) same tunnel\$5 same current | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:35 |
| L10 | 49 | @ad<"19910605" and 9 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:35 |
| L11 | 13 | @rlad<"19910605" and 9 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:35 |
| L12 | 52 | 10 11 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:36 |
| L13 | 0 | 12 and antiferromagnetic | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:36 |
| L14 | 0 | 12 and anti adj ferromagnetic | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:36 |
| L15 | 0 | 12 and anti adj ferro adj magnetic | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:36 |
| L16 | 0 | 12 and antiferro adj magnetic | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:36 |
| L17 | 21643 | tunnel\$5 with (current or currentflow or electrons or electricity) | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:37 |
| L18 | 38857 | (tunnel\$5 or barrier) with (current or currentflow or electrons or electricity) | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:39 |
| L19 | 3922 | antiferromagnetic | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:39 |
| L20 | 1303 | "anti ferromagnetic" | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:37 |

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|-----|-------|--|----------------------|----|----|------------------|
| L21 | 26 | "anti ferro magnetic" | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:37 |
| L22 | 54 | "antiferro magnetic" | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:37 |
| L23 | 4701 | 19 20 21 22 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:38 |
| L24 | 1596 | 18 and 23 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:38 |
| L25 | 2 | @ad<"19910605" and 24 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:40 |
| L26 | 2 | @rlad<"19910605" and 24 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:38 |
| L27 | 3 | 25 26 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:38 |
| L28 | 2011 | antiferromagnetic | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:40 |
| L29 | 793 | "anti ferromagnetic" | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:39 |
| L30 | 19 | "anti ferro magnetic" | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:39 |
| L31 | 30 | "antiferro magnetic" | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:39 |
| L32 | 2703 | 28 29 30 31 | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:39 |
| L33 | 12218 | (tunnel\$5 or barrier) with (current or currentflow or electrons or electricity) | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:40 |
| L34 | 60 | 32 and 33 | EPO; JPO; DERWENT | OR | ON | 2005/09/05 19:40 |
| L35 | 0 | @pd<"19910605" and 34 | US-PGPUB; USPAT | OR | ON | 2005/09/05 19:40 |
| L36 | 226 | (tunnel\$5 or barrier) with (current or currentflow or electrons or electricity) | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L37 | 35 | antiferromagnetic | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L38 | 1 | "anti ferromagnetic" | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L39 | 0 | "anti ferro magnetic" | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L40 | 1 | "antiferro magnetic" | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L41 | 36 | 37 38 40 | IBM_TDB | OR | ON | 2005/09/05 19:40 |
| L42 | 2 | 36 and 41 | IBM_TDB | OR | ON | 2005/09/05 19:40 |